

# DATAGUARD

- Automatic encryption and decryption of messages.
- Encryption of selected parts of messages as desired, and as directed by keyboard originated control characters.
- Pocketsized code keys provide a myriad of variations of the built-in coding program. Use for day-to-day program changes or for intra-company security levels.
- High reliability solid state electronic device.
- Operable by your secretary; coding and decoding in your office for complete person-to-person security.
- Quality encryption requiring computer analysis of extensive samples to afford an opportunity of being broken.
- Operable on or off line.
- Designed for compatibility with TWX, Telex, and private wire systems.
- Designed for network operation.
- Faster than code books.
- Portable; occupies less than 0.7 cubic feet of space.



DATA COMMUNICATIONS, INC.

MOORESTOWN, N.J. 08057

609 235-6650

no one  
can read  
this message



unless  
they're  
supposed to

\*Decryption of this message can be found on page 3 of this brochure.

QQ FLTKD EHSUFL M  
WKR<sup>\*</sup>  
EFTXACOH HUUUD  
OVPMTHYBKFKCQVHTIL  
WTCJYYKGBG

how much would  
a security leak  
cost your organization?

Think about it. For example, what would your organization stand to lose if a competitor marketed **your** idea before you did? Or beat you to a patent? Or obtained a large contract by coming in with a bid just pennies below yours? It's conceivable that any of these things can happen, so why compound the possibility with lax security?

Security is no longer a concern solely of government agencies. In the highly complex, highly competitive business world of today, the words "secret," "confidential" and "classified" have become very meaningful to most major corporations. And with ethics, economics and competition being what they are, most of these corporations recognize the need for positive workable methods of handling confidential material.

how does your organization  
stack up? ask yourself:

**Are my important messages:**

- (1) passed through company mail before they reach their destination?
- (2) passed through communications operators?
- (3) printed on monitors at common carrier facilities?
- (4) sent through insecure public links?
- (5) refiled through foreign national communications facilities?

**Does my organization:**

- (1) send messages the "easy way" to avoid cumbersome security methods?
- (2) use code books to which unauthorized personnel have access?
- (3) use code books compromised by age?
- (4) use code books which slow down urgent communications?

If you answered "yes" to any of these questions, the growth and success of your organization could be seriously affected.



# DATAGUARD

## DEFIES PRYING EYES



Portable Dataguard automatically converts your message into unintelligible scrambled letter combinations that **stay** unintelligible until your message reaches its destination. Then another Dataguard unit automatically breaks the code and translates the signals back into your original message.

The important difference between Dataguard and other "scrambling" devices is its simplicity: it can be operated right from your office (by your secretary, if you like) quickly and easily. It eliminates handling in communications centers and other major sources of leakage.

Since computer-level mathematics would be required to break a Dataguard code, the messages are, for all practical purposes, **undecipherable**. Even other owners of Dataguard machines would be unable to break your code because a tremendous variety of basic programs ( $10^{300}$ ) are available. **Only authorized personnel can operate Dataguard to decode your message.**

The encrypting action of the Dataguard can be activated only by plugging in the Dataguard code key. This key, smaller than a pack of matches, can change programming or provide private coding programs to various levels of management within your organization. Some organizations prefer to change the coding program periodically, and at such times, up to 500,000 variations on the basic program can be obtained by plugging in different code keys.

Dataguard is designed for teletype communications, and is compatible with TWX, Telex, and private wire systems.

Don't second guess security. Dataguard can easily be incorporated into your company's activities. We'll be glad to show you how—and give you a complete technical evaluation.

\* That message on the front: It means, "What can you do when they're making your business their business?" We hope we've answered that one for you.